ABSTRACT

Provided herein is a luminal force measurement device to assess pelvic floor muscle function in an individual for diagnosis or treatment thereof comprising a cylindrical probe having a section insertable into a body lumen, where the insertable section is disposable or is non-disposable, and a non-disposable section connected thereto; a plurality of force transducers; a plurality of stimulation electrode pairs; a plurality of differential instrumentation amplifiers; and a means of securing the probe into a holder. Also provided are methods for use of the device.